

Skills

- **Programming Languages** : TypeScript, JavaScript, HTML, Java, C#, SQL
- **Libraries and Frameworks** : React, NestJS, Jest, Node.js, Express.js, Spring Boot
- **Other Skills** : Design patterns, LLD, HLD, Data Structure, Algorithm, MySQL, MongoDB, Docker

Projects

(Sole) contributor to a framework for JSON-CSV file manipulation.

🔗 <https://github.com/RADHASakthivel/developer-utility>

- Engineered a package to convert **CSV to JSON** files with enhanced features using **Node.js**.
- Launched the project on npm at https://www.npmjs.com/~sakthivel_r.
- **Reduced manual effort by 100%**, while ensuring data security.

Norwegian Refugee Council - Full Stack Developer

- Engineered a scalable end-to-end web platform for the NRC, enhancing communication and resource management for over **10 million beneficiaries across 40+ countries**.
- Integrated **chatbot**, **boosted beneficiary engagement by 64%** and user experience.
- Streamlined backend performance, **reducing latency by 30%** and boosting user satisfaction.
- Established comprehensive testing protocols, increasing code reliability and **reducing bugs by 25%** overall, ensuring smoother launches.

Retro Green - Backend Developer

- Engineered a server-side application to set carbon emission standards, facilitating connections among vendors, clients, and organizations.
- Increased external **communication by 42%** by implementing **AWS SQS Queue, Buckets, and Scraper**, enhancing data handling efficiency.
- Utilized **NextJs** to develop responsive user interfaces, improving user engagement and satisfaction.
- Implemented **Docker** for containerization, streamlining deployment processes, scalability.

Flanke-7 - Frontend Developer

- Developed websites for diverse clients across different industries, tailoring to their specific needs.
- **Reduced maintenance cost of 50%** using **Netlify, Vercel** for (CI/CD) and **Prismic, Hygraph** for CMS.
- **Boosted company profits by 28%** through strategic implementation of digital media initiatives.

Experience

Software Development Engineer (Full Stack)

Jul 2022 - Present

Advanced Millennium Technologies

Bangalore

- Engineered **HLD** for new modules, ensured scalability, performance with **CAP, PACELC** trade-offs.
- Designed **LLD** for new classes using **SOLID, design patterns**, enhancing code maintainability.
- Developed **end-to-end**, and wrote test cases to streamline testing efforts, **reduce bugs by 30%**.
- Increased firm revenue by 24% by delivering high-quality projects on time that met client needs.
- Collaborated with teams to design, deploy, maintain applications, **improved 15% deployment efficiency**.
- Leveraged **Agile methodologies**, Jira for sprint planning, tracking, improving productivity and visibility.
- **Mentored junior** developers to improve their skills and contributing to a **20% increase in team output**.

Education

Scaler

2024

Specialized in Software Development & Problem Solving

Anna University

2017

BE